

Datasheet for ABIN6963888
anti-GM-CSF antibody

5 Publications



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Overview

Quantity:	1 mg
Target:	GM-CSF (CSF2)
Reactivity:	Human, Non-Human Primate
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This GM-CSF antibody is un-conjugated
Application:	ELISA, ELISpot

Product Details

Immunogen:	Recombinant human GM-CSF
Clone:	21C11
Isotype:	IgG2a
Specificity:	Native and recombinant GM-CSF
Cross-Reactivity (Details):	The monoclonal antibody cross-reacts with GM-CSF from non-human primates.
Characteristics:	This monoclonal antibody enables specific detection of human GM-CSF in immunoassays such as ELISpot, FluoroSpot, and ELISA. Serum/Plasma samples
Purification:	Purified from in vitro cultures by protein G affinity chromatography.
Sterility:	0.2 µm filtered

Target Details

Target:	GM-CSF (CSF2)
Alternative Name:	GMCSF (CSF2 Products)
Gene ID:	1437
Pathways:	JAK-STAT Signaling , Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	ABIN6963888 and ABIN7489151 is recommended as capture mAb in ELISpot, FluoroSpot, and ELISA in combination with detection mAb ABIN6963889, ABIN7489152 and ABIN6964026 .
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	supplied at 1 mg/mL in PBS with 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.
Expiry Date:	18 months

Publications

Product cited in:	Jarrett, Salio, Lloyd-Lavery, Subramaniam, Bourgeois, Archer, Cheung, Hardman, Chandler, Salimi, Gutowska-Owsiak, de la Serna, Fallon, Jolin, Mckenzie, Dziembowski, Podobas, Bal, Johnson, Moody et al.: "Filaggrin inhibits generation of CD1a neolipid antigens by house dust mite-derived phospholipase. ..." in: Science translational medicine , Vol. 8, Issue 325, pp. 325ra18, (2016) (PubMed). Myers, Cooper, Kem, Stavarakis, Kosanke, Shevach, Fairweather, Stoner, Cox, Cunningham: "
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Cardiac myosin-Th17 responses promote heart failure in human myocarditis." in: **JCI insight**, Vol. 1, Issue 9, (2016) ([PubMed](#)).

Morita, Yamamoto, Suzuki, Mori, Igarashi, Sugita: "Molecular requirements for T cell recognition of N-myristoylated peptides derived from the simian immunodeficiency virus Nef protein." in: **Journal of virology**, Vol. 87, Issue 1, pp. 482-8, (2013) ([PubMed](#)).

Gille-Johnson, Smedman, Gudmundsdotter, Somell, Nihlmark, Paulie, Andersson, Gårdlund: "Circulating monocytes are not the major source of plasma cytokines in patients with sepsis." in: **Shock (Augusta, Ga.)**, Vol. 38, Issue 6, pp. 577-83, (2013) ([PubMed](#)).

Mäkitalo, Andersson, Areström, Karlén, Villinger, Ansari, Paulie, Thorstensson, Ahlborg: "ELISpot and ELISA analysis of spontaneous, mitogen-induced and antigen-specific cytokine production in cynomolgus and rhesus macaques." in: **Journal of immunological methods**, Vol. 270, Issue 1, pp. 85-97, (2002) ([PubMed](#)).